

IN THE CLAIMS

Claim 1 has been amended as follows:

1. (Currently amended) A device for transmitting and receiving data for remotely controlling a hearing device, comprising:

a transmission device comprising a transmitter coil to transmit data;

a reception device comprising a receiver coil for receiving data;

a common ferromagnetic core on which both said transmitter coil and said receiver coil are wound, also causing said receiver coil to be excited for transmission of data by said transmitter coil;

said reception device comprising a reception oscillator circuit with said receiver coil forming an oscillator circuit coil for said oscillator circuit;

said transmission coil having an inductance associated therewith and said reception oscillator circuit having a resonant frequency; and

said reception device comprising a correction capacitor that corrects the frequency of the reception oscillator circuit upon deviation from said resonant frequency caused by said inductance of said transmission coil.

2. (Original) A device as claimed in claim 1 wherein said reception device comprises a receiver circuit, and a protective circuit connected between said receiver circuit and said receiver coil to separate said receiver circuit from said receiver coil.

3. (Original) A device as claimed in claim 2 wherein said protective circuit comprises a capacitor and a parallel circuit of two diodes connected with opposite polarity, said capacitor being connected in series with said parallel circuit.

4. (Original) A device as claimed in claim 2 wherein said protective circuit is connected in parallel with said receiver coil.

5. (Original) A device as claimed in claim 1 wherein said reception device and said transmission device each operate in a frequency range of between 50 kHz and 200 kHz.

6-7. (Cancelled)

8. (Previously presented) A device as claimed in claim 1 wherein said reception device comprises a receiver circuit and a protective circuit connected between said receiver circuit and said reception coil to separate said receiver circuit from said receiver coil, said protective circuit comprising said correction capacitor and a parallel circuit of two diodes connected with opposite polarity, said correction capacitor being connected in series with said parallel circuit.